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Attorney Docket No. 108298744US
Disclosure No. 03-0477.00/US

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/733,226-Conf. #8010
		Filing Date	December 10, 2003
		First Named Inventor	William M. Hiatt
		Art Unit	3754
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	7*	Attorney Docket Number	108298744US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Form PTO/SB/08 Certificate of Mailing Cited References (5)
<div style="border: 1px solid black; padding: 5px; min-height: 100px;"> Remarks </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	PERKINS COIE LLP		
Signature			
Printed name	Stephen E. Arnett		
Date	June 22, 2005	Reg. No.	47,392

* Number of pages does not include cited references.



(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
William M. Hiatt et al.

Application No.: 10/733,226

Confirmation No.: 8010

Filed: December 10, 2003

Art Unit: 3754

For: MICROELECTRONIC DEVICES AND
METHODS FOR FILLING VIAS IN
MICROELECTRONIC DEVICES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of the cited U.S. Patents and U.S. Applications on the PTO/SB/08 has not provided.

A copy of the cited Non-Patent Literature on the PTO/SB/08 has been provided.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 108298744US.

Dated: June 22, 2005

Respectfully submitted,

By 

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Registration No.: 47,392

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**PLEASE SIGN
& DATE**



Attorney Docket No.108298744US
Disclosure No.03-0477.00/US

PTO/SB/92 (09-04)
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Application No. 10/733,226

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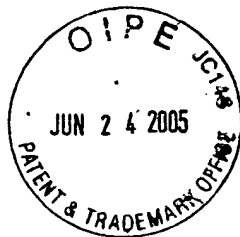
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Attorney Docket No. 108298744US
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/733,226-Conf. #8010
				Filing Date	December 10, 2003
				First Named Inventor	William M. Hiatt
				Art Unit	3754
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	108298744US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5,107,328	04-21-1992	Kinsman	
		US-5,128,831	07-07-1992	Fox, III et al.	
		US-5,138,434	08-11-1992	Wood et al.	
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				Examiner Name	Not Yet Assigned
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	US-6,150,717	11-21-2000	Wood et al.	
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	US-6,552,910-B1	04-22-2003	Moon et al.	

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				Art Unit	3754
				Examiner Name	Not Yet Assigned
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		US-6,560,117-B2	05-06-2003	Moon	
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		US-6,614,092-B2	09-02-2003	Eldridge et al.	
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		US-2005/0104228-A1	05-19-2005	Rigg et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†6
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Optomec, Inc., M3D™, Maskless Mesoscale™ Materials Deposition, 2 pages, < http://www.optomec.com/downloads/M3DSheet.pdf >, retrieved from the Internet on June 17, 2005.	
		King, B. et al., Optomec, Inc., M3D™ Technology, Maskless Mesoscale™ Materials Deposition, 5 pages, < http://www.optomec.com/downloads/M3D%20White%Paper%20080502.pdf >, retrieved from the Internet on June 17, 2005.	
		Xsil, Via Applications, 1 page, < http://www.xsil.com/viaapplications/index.htm >, retrieved from the Internet on July 22, 2003.	
		Xsil, Vias for 3D Packaging, 1 page, < http://www.xsil.com/viaapplications/3dpackaging/index.htm >, retrieved from the Internet on July 22, 2003.	
		Optomec, Inc., M3D™ Technology, Maskless Mesoscale Materials Deposition (M3D), 1 page, < http://www.optomec.com/html/m3d.htm >, retrieved from the Internet on August 15, 2003.	

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